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### 1 [Digital rights management for content distribution](#)

[Qiong Liu](#), [Reihaneh Safavi-Naini](#), [Nicholas Paul Sheppard](#)

January 2003 ACSW Frontiers '03: Proceedings of the Australasian information security workshop conference on ACSW frontiers 2003

Volume 21

Publisher: Australian Computer Society, Inc.

 Full text available: [Pdf](#) (224.63 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 96, Downloads (12 Months): 680, Citation

Transferring the traditional business model for selling digital goods linked media to the online world leads to the need for a system to protect digital property. Digital Rights Management (DRM) is a system to protect high-

Keywords: DRM, digital content

### 2 [Towards improving packet probing techniques](#)

[Matthew J. Luckie](#), [Anthony J. McGregor](#), [Hans-Werner Braun](#)

November 2001 IMW '01: Proceedings of the 1st ACM SIGCOMM Workshop on Internet Measurement

Publisher: ACM

 Full text available: [Pdf](#) (1.04 MB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 34, Citation

Packet probing is an important Internet measurement technique, supporting investigation of packet delay, path, and loss. Current packet probing techniques use Internet Protocols such as the Internet Control Message Protocol (ICMP) or Datagram ...

Keywords: network path, packet delay, packet probing techniques

### 3 [Digital rights management for the online music business](#)

[Sai Ho Kwok](#)

June 2002 SIGecom Exchanges, Volume 3 Issue 3

Publisher: ACM

 Full text available: [Pdf](#) (51.88 KB) Additional Information: [full citation](#), [abstract](#), [reference terms](#)

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 238, Citation

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Digital rights management has become a pressing concern for the online music industry. Existing digital rights management systems are backed by two license models, the tethered model and the untethered model. These two license models ...

**Key words:** digital rights management, electronic business, electronic commerce, electronic intellectual property, license management, online music business

4 Privacy protection for signed media files: a separation-of-duty approach  
lightweight DRM (LWDRM) system

Rüdiger Grimm, Patrick Aichroth

September 2004 MM&Sec '04: Proceedings of the 2004 workshop on Multir  
Publisher: ACM

Full text available:  Pdf (256.47 KB) Additional Information: full citation, abstract, referer

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 47, Citation (

The aim of strong digital rights management (DRM) is to enforce usage devices on behalf of content providers. Strong DRM is not well accepted. Moreover, strong DRM is repeatedly circumvented and broken. Since Na

**Keywords:** LWDRM, light weight digital rights management, privacy, personal information, separation of duty, virtual goods

<sup>5</sup> On implementing mpeg-21 intellectual property management and pro

 Nicholas Paul Sheppard

October 2007 DRM '07: Proceedings of the 2007 ACM workshop on Digital I  
Management

Publisher: ACM

Full text available:  Pdf (229.76 KB) Additional Information: full citation, abstract, referer

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 207, Citation

The MPEG-21 Intellectual Property Management and Protection ("IPMP") specify a framework for inter-operable and renewable digital rights management on *IPMP tools* that implement proprietary digital rights management features.


**Keywords:** MPEG REL, MPEG-21 IPMP, digital rights management, imp

## 6 User-level internet path diagnosis

 Ratul Mahajan, Neil Spring, David Wetherall, Thomas Anderson

December 2003 SOSP '03: Proceedings of the nineteenth ACM symposium  
systems principles

Publisher: ACM

Full text available:  Pdf (403.57 KB) Additional Information: [full citation](#), [abstract](#), [referrer terms](#)

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 117, Citation

Diagnosing faults in the Internet is arduous and time-consuming, in par


network is composed of diverse components spread across many admin  
We consider an extreme form of this problem: can end users, with no s  
...

Keywords: measurement tools, path diagnosis


Also published in:

December 2003 SIGOPS Operating Systems Review Volume 37 Issue 5

#### 7 [Import/export in digital rights management](#)

 [Reihaneh Safavi-Naini](#), [Nicholas Paul Sheppard](#), [Takeyuki Uehara](#)

October 2004 DRM '04: Proceedings of the 4th ACM workshop on Digital rig  
Publisher: ACM


Full text available:  Pdf (211.60 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)  
[terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 149, Citation (

The inherently controlled nature of digital rights management systems c  
promote inter-operability of systems provided by different vendors. In t  
consider import and export functionality by which multimedia protected

Keywords: digital rights management, export, import, inter-operability

#### 8 [A measurement-friendly network \(MFN\) architecture](#)

 [Sridhar Machiraju](#), [Darryl Veitch](#)

September 2006 INM '06: Proceedings of the 2006 SIGCOMM workshop on  
management

Publisher: ACM


Full text available:  Pdf (274.23 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 28, Citation (

Using active Techniques to measure networks, that is by injecting probe  
proved to be quite challenging for properties beyond simple end-to-end  
Some of the greatest difficulties have resulted from our inability to desi

Keywords: MFN, active measurement, measurement-friendly network,  
probing

#### 9 [Implementation of a mobile MPEG-21 peer](#)

 [Shane Lauf](#), [Ian Burnett](#)

November 2005 MULTIMEDIA '05: Proceedings of the 13th annual ACM int  
conference on Multimedia

Publisher: ACM

Full text available:  Pdf (91.15 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)


Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 59, Citation (

The MPEG-21 Multimedia Framework aims to realize interoperable acces  
across heterogeneous networks and devices. Within the Framework, the  
Digital Items is introduced as a structured digital representation for mul

demonstrate ...

Keywords: MPEG-21, mobile applications, multimedia

#### 10 [Analysis of long duration traces](#)

 [Richard Nelson, Daniel Lawson, Perry Lorier](#)


January 2005 SIGCOMM Computer Communication Review , Volume 35 Is  
Publisher: ACM

Full text available:  Pdf (341.68 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 31, Citation (

This paper introduces a new set of long duration captures of Internet tra  
capture is being performed on a continuous on-going basis and is appro  
duration. Based on the current extent of the archive some typical analy:

#### 11 [Using SITDRM for privacy rights management](#)

 [Farzad Salim, Nicholas Paul Sheppard, Reihaneh Safavi-Naini](#)

March 2007 CHI M I T '07: Proceedings of the 2007 symposium on Compute  
interaction for the management of information technology

Publisher: ACM

Full text available:  Pdf (78.44 KB) Additional Information: [full citation](#), [abstract](#), [referer](#)




Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 42, Citation (

SITDRM is a privacy protection system that protects private data throug  
enforcement of MPEG REL licenses provided by consumers. Direct issuin  
consumers has several usability problems that will be mentioned in this  
...

Keywords: DRM, MPEG-21, P3P, privacy protection

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